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**T. S. Michael\*** ([tsm@usna.edu](mailto:tsm@usna.edu)), Mathematics Department, United States Naval Academy, Annapolis, MD 21402. *Mathematics and Collegiate Wrestling Tournaments.*

Collegiate wrestling leagues face a challenging scheduling problem at their championship tournaments: What is a fair way to distribute the first-round byes among the individual wrestlers? The standard method sometimes leads to unsatisfactory brackets. We discuss the speaker's new bye-distribution method, which relies on a least-squares calculation to produce brackets that are fair to individual wrestlers and their teams. The method has been used successfully by the Eastern Intercollegiate Wrestling Association since 2006. (Received September 09, 2008)